

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Gunter LABAN et al.

Int.'l Appl. No. PCT/EP03/00064
(Filed January 7, 2003)

Filing Date: July 16, 2004

For: METHOD FOR PRODUCING
THIOCTIC ACID

Art Unit: Not Assigned

Examiner: Not Assigned

Atty. Docket No. 42804-205435

Customer No.

26694

PATENT TRADEMARK OFFICE

Information Disclosure Statement

Commissioner for Patents
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Sir:

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In order to comply the duty of disclosure pursuant to 37 C.F.R. § 1.56, submitted
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International Application No. PCT/EP03/00064. The relevance of each document is
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Applicants: Gunter LABAN et al.
Attorney's Doc.No. 42804-205435

In view of the above, no further statement of relevance need be given, and as all requirements of 37 C.F.R. § 1.97 and § 1.98, and all official guidelines pertaining to Information Disclosure Statements have been complied with, it is respectfully requested that the Examiner consider the cited publications and make them of record.

Respectfully submitted,

Date: 7/16/04

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Sheet 1 of 1

Complete if Known

Application Number Not Assigned

Filing Date July 16, 2004

First Named Inventor Gunter LABAN et al.

Group Art Unit Not Assigned

Examiner Name Not Assigned

Attorney Docket Number 42804-205435

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	US	4 797 298	BRENNAN, Thomas et al.	03-20-1997	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A2	DE	195 33 881	A		03-20-1997		
	A3	DE	196 01 787	C		07-24-1997		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A4	BULMAN PAGE PC.; "An enantioselective synthesis of R-(+)-alpha lipoic acid", Journal of Chemical Society Perkin Transactions I 1999, XP009010605 USA, pgs. 1615-1618.	
	A5	GOPALAN AS et al., "Baker's yeast reduction of alkyl 6-chloro-3-oxohexanoates: synthesis of (R)-(+)-alpha lipoic acid", Journal of Chemical Society Perkin Transactions I 1990, XP009010601 USA, pgs. 1897-1900.	
	A6	BROOKES MH et al., "Synthesis of alpha-(R)-and alpha-(S)-lipoic acid from (S)-malic acid", Journal of Chemical Society Perkin Transactions I 1988, XP009010600 USA, pg. 11	
	A7	DHAR P et al., "Piperidinium tetrathiothungstate as sulfur transfer reagent: synthesis of cyclic disulfides", Journal of Organic Chemistry, 57, 1992, XP002241606 USA, pgs. 1699-1702.	
	A8	CRUMP DR, "Synthesis of (2S)-2-propylthietan", Australian Journal of Chemistry, Vol. 35, 1982, pgs. 1945-1948, XP002241607 AUSTRALIA.	

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